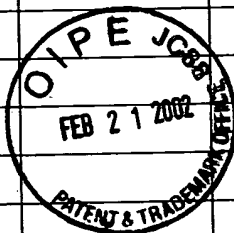


Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 09712-032001	Application No. 09/305,808
	Applicant William A. Shull et al.		
	Filing Date April 28, 1999	Group Art Unit	

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G. Story
3-5-02*

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>WLS</i>	AA	6,021,141	02-01-00	Nam et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						



Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature <i>[Signature]</i>	Date Considered <i>5/14/02</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
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APPLICANT
William A. Shull et al.FILING DATE
April 28, 1999GROUP
2878

(37 CFR 1.98(b))

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EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>all</i>	AA	3	6	4	7	3	0	2	03/1972	Zipin et al.			
	AB	3	9	8	7	3	7	3	10/1976	Mohler			
	AC	4	1	4	3	3	3	9	03/1979	Buzzard et al.			
	AD	4	4	1	3	3	4	2	11/1983	Cohen et al.			
	AE	4	6	1	7	6	6	6	10/1986	Liu			
	AF	4	6	1	8	9	5	7	10/1986	Liu			
	AG	4	9	4	8	2	5	4	08/1990	Ishida			
	AH	5	0	2	7	3	6	1	06/1991	Kozlovsky et al.			
	AI	5	0	9	1	9	1	3	02/1992	Zhang et al.			
	AJ	5	1	7	9	5	6	2	01/1993	Marason et al.			
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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

<i>add</i>	AQ	"High-power cw UV at 266 nm Generated with Single-Frequency Verdi," Coherent Laser Group.
	AR	"95-SHG Intracavity Doubled Argon Laser," LEXEL LASER, INC., 2/1999.
	AS	"Generation of 369.4-nm Second Harmonic From a Diode Laser," NASA Tech Briefs, pp. 56, 58, January 1995.

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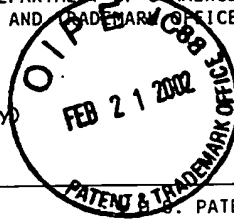
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	BB	5 4 6 7 2 1 4	11/1995	Heflinger et al.			
	BC	5 6 2 7 8 4 9	05/1997	Baer			
	BD	5 6 5 7 3 4 1	08/1997	Hyuga			
	BE	5 7 3 2 0 9 5	03/1998	Zorabedian			
	BF	5 7 6 8 3 0 4	06/1998	Goto			
	BG	5 7 4 8 3 1 3	05/1998	Zorabedian			
	BH	5 7 4 8 3 1 5	05/1998	Kawai et al.			
	BI	5 7 5 7 4 8 9	05/1998	Kawakami			
	BJ	5 7 6 4 3 6 2	06/1998	Hill et al.			
	BK	5 7 6 7 9 7 1	06/1998	Kawai et al.			

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							YES	NO
	BL							
	BM							
	BN							
	BO							
	BP							

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<i>ml</i>	BQ	Adhav, "Materials for Optical Harmonic Generation," Laser Focus, pp. 73-77, June 1983.
	BR	Barnes et al., "Variation of the Refractive Index with Temperature and the Tuning Rate for KDP Isomorphs," J. Opt. Soc. Am., 72:895-898, July 1982.
	BS	Baumert et al., "High-efficiency Intracavity Frequency Doubling of a Styryl-9 Dye Laser with KNbO ₃ Crystals," Applied Optics, 24:1299-1301, May 1, 1985.

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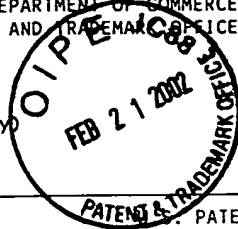
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<i>all</i>	CA	5 8 3 8 4 8 5	11/1998	de Groot et al.			
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							YES	NO
	CL							
	CM							
	CN							
	CO							
	CP							

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<i>all</i>	CQ	Dalton, "Glass to Metal Seals," First Symposium on the Art or Glassblowing", pp. 13-24, 1956.
<i>l</i>	CR	Dmitriev et al., "Three- and Four-Wave (Three- and Four-Frequency) Interactions in Nonlinear Media," Handbook of Nonlinear Optical Crystals, 3-14 and 188-191.
<i>l</i>	CS	Hercher, "Tunable Single Mode Operation of Gas Lasers Using Intracavity Tilted Etalons," Applied Optics, 8:1103-1106, June 1969.

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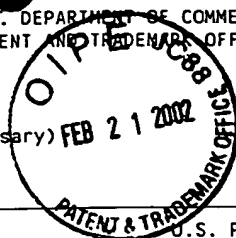
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							YES	NO
	DL							
	DM							
	DN							
	DO							
	DP							

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ad	DQ	Kogelnik et al., "Astigmatically Compensated Cavities for cw Dye Lasers," IEEE Journal of Quantum Electronics, QE-8:373-379, March 1972.
✓	DR	Kuhling et al., "Frequency Doubling Within the Resonator of a Helium Neon Laser," Laser und Optoelektronik, 21:46-49, 1989 (translation attached).
✓	DS	Smith, "On the Optimum Geometry of a 6328A Laser," IEEE Journal of Quantum Electronics, QE-2:77-79, April 1966.

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	EH						
	EI						
	EJ						
	EK						

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							YES	NO
	EL							
	EM							
	EN							
	EO							
	EP							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

all	EQ	Spiller, "Experimental Investigations on Gain and Maximum Output of the He-Ne Laser," Zeitschrift fur Physik, 182:487-498 (1965).
↓	ER	Stoleru et al., "Frequency Doubling of He-Ne Laser Radiation at 632.8 nm," Pure Appl. Opt., 5:119-124 (1996).
↓	ES	Adhav et al., "Guide to Efficient Doubling," Laser Focus, pp. 47-48, May 1974.

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